

THE CLAIMS

What is claimed is:

- 5 1. A bag-in-a-drum container for storage and dispensing of liquid, comprising a substantially rigid overpack having an interior volume, and a 3-dimensional, closed liner of a flexible film material, mounted in said interior volume and capable of being filled with liquid.
- 10 2. The container of claim 1, wherein the overpack has a substantially rectangular parallelepiped conformation.
3. The container of claim 2, wherein the overpack comprises walls and a floor defining said substantially rectangular parallelepiped conformation.
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4. The container of claim 3, wherein the liner is formed of a polymeric film material containing no additives capable of introducing contaminants into liquid when contained in said liner.

5. The container of claim 4, wherein the polymeric film material selected from the group consisting of polyethylene, polytetrafluoroethylene, polypropylene, polyurethane, polyvinylidene chloride, polyvinylchloride, polyacetal, polystyrene, polyacrylonitrile, and polybutylene.

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6. The container of claim 5, wherein the polymeric film material contains no additives.

7. The container of claim 6, wherein the polymeric film material comprises a polyethylene film material.

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8. The container of claim 4, wherein the liner has a zero headspace conformation when filled with liquid.

9. The container of claim 4, wherein the liner has a thickness less than about 0.125 inch.

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10. The container of claim 4, wherein the liner has a thickness in a range of from about 0.005 inch to about 0.030 inch.

11. The container of claim 1, wherein the liner is removable from the overpack, and the overpack is vertically stackable with other like containers to form a vertically stacked array comprising multiple containers, wherein the vertically stacked array has a height that is less than the sum of the heights of the individual containers in the array.

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12. The container of claim 11, wherein the overpack includes a coupling member that is matably engageable with a coupling member of a corresponding container, whereby multiple containers may be laterally coupled with one another to constitute a laterally extending array of containers.

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13. The container of claim 4, further comprising a liquid in the liner.

14. The container of claim 13, wherein the liner has a zero headspace conformation.

15 15. The container of claim 14, wherein the liquid comprises a reagent for semiconductor manufacturing.

16. The container of claim 15, wherein the liquid comprises a chemical mechanical planarization composition.

17. The container of claim 15, wherein the liner further contains a stirring element.

18. The container of claim 17, wherein the stirring element is remotely actuatable outside
5 of the container.

19. The container of claim 18, wherein said stirring element comprises a magnetic stirring
element.

10 20. The container of claim 4, wherein the overpack comprises a receptacle portion
including opposedly facing front and back walls, and opposedly facing side walls, and a
floor member, wherein said front, back and side walls are downwardly inwardly tapered.

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